

Abstract of the Disclosure

A system and method selects a circuit to service an application request to transmit data over a network. The network includes one or more low and high bandwidth circuits. An average utilization is measured for each circuit in a circuit analyzer should the application request be assigned to the circuit. Then, application request is assigned to the high bandwidth circuit if the average utilization is less than a predetermined threshold, assigning to the low bandwidth circuit if the average utilization is less than one, where one is a full utilization, and declined otherwise. The threshold is one minus a guard bandwidth of the high bandwidth channel.